Kindly add the following new claims 4-35:

- 4. (New) A masking material for dry etching of a magnetic material by using a mixed gas of carbon monoxide and a nitrogeneous compound as etching gas, which comprises a metal other than tantalum and having a specific physical property that its melting point or boiling point, when it is converted into a nitride or carbide is higher than that of in the form of single metal.
- 5. (New) The masking material for dry etching according to claim 4, wherein the metal is tungsten, zirconium or hafnium.
- 6. (New) A method for producing a TMR element which comprises dry etching using a metal film comprising a metal having a specific physical property that its melting point or boiling point, when it is converted into a nitride or carbide is higher than that of in the form of single metal, as a masking material for dry etching, and using a mixed gas of carbon monoxide and a nitrogeneous compound as etching gas.
 - 7. (New) The method as claimed in claim 6, wherein the metal film is tantalum film.
- 8. (New) The method as claimed in claim 6, wherein the metal film is any one of tungsten film, zirconium film or hafnium film.
- 9. (New) A method for producing a TMR element which comprises dry etching a plurality of laminate films including magnetic film, using a metal film comprising a metal having a specific physical property that its melting point or boiling point, when it is converted into a nitride or carbide is higher than that of in the form of single metal, as a masking material for dry etching, and using a mixed gas of carbon monoxide and a nitrogeneous compound as etching gas.
 - 10. (New) The method as claimed in claim 9, wherein the metal film is tantalum film.

- 11. (New) The method as claimed in claim 9, wherein the metal film is any one of tungsten film, zirconium film or hafnium film.
- 12. (New) A method for producing a TMR element which comprises fine processing a TMR element using tantalum as a masking material, and a mixed gas of carbon monoxide and a nitrogeneous compound as etching gas, wherein a plurality of films including magnetic film composing the TMR element are dry etched.
- 13. (New) The method as claimed in claim 12, wherein a tantalum film is included in a plurality of films including magnetic film composing the TMR element.
- 14. (New) The method as claimed in claim 12, wherein tantalum used as a masking material acts as a component layer for the TMR element.
- 15. (New) The method as claimed in claim 12, wherein a tantalum film used as a masking material acts as a protective film composing the TMR element.
- 16. (New) A method for producing a magnetic device which comprises dry etching using a metal film comprising a metal having a specific physical property that its melting point or boiling point, when it is converted into a nitride or carbide is higher than that of in the form of single metal, as a masking material for dry etching, and using a mixed gas of carbon monoxide and a nitrogeneous compound as etching gas.
 - 17. (New) The method as claimed in claim 16, wherein the metal film is tantalum film.
- 18. (New) The method as claimed in claim 16, wherein the metal film is any one of tungsten film, zirconium film or hafnium film.

- 19. (New) A method for producing a magnetic device which comprises dry etching a plurality of laminate films including magnetic film, using a metal film comprising a metal having a specific physical property that its melting point or boiling point, when it is converted into a nitride or carbide is higher than that of in the form of single metal, as a masking material for dry etching, and using a mixed gas of carbon monoxide and a nitrogeneous compound as etching gas.
 - 20. (New) The method as claimed in claim 19, wherein the metal film is tantalum film.
- 21. (New) The method as claimed in claim 19, wherein the metal film is any one of tungsten film, zirconium film or hafnium film.
- 22. (New) A method for producing a magnetic device which comprises fine processing a magnetic device using tantalum as a masking material, and a mixed gas of carbon monoxide and a nitrogeneous compound as etching gas, wherein a plurality of films including magnetic film composing the magnetic device are dry etched.
- 23. (New) The method as claimed in claim 22, wherein a tantalum film is included in a plurality of films including magnetic film composing the magnetic device.
- 24. (New) The method as claimed in claim 22, wherein tantalum used as a masking material acts as a component layer for the magnetic device.
- 25. (New) The method as claimed in claim 22, wherein a tantalum film used as a masking material acts as a protective film composing the magnetic device.
- 26. (New) A method for producing a MRAM using a TMR structure which comprises dry etching using a metal film comprising a metal having a specific physical property that its melting point or boiling point, when it is converted into a nitride or carbide is higher than that of in the form

of single metal, as a masking material for dry etching, and using a mixed gas of carbon monoxide and a nitrogeneous compound as etching gas.

- 27. (New) The method as claimed in claim 26, wherein the metal film is tantalum film.
- 28. (New) The method as claimed in claim 26, wherein the metal film is any one of tungsten film, zirconium film or hafnium film.
- 29. (New) A method for producing a MRAM using a TMR structure which comprises dry etching a plurality of laminate films including magnetic film, using a metal film comprising a metal having a specific physical property that its melting point or boiling point, when it is converted into a nitride or carbide is higher than that of in the form of single metal, as a masking material for dry etching, and using a mixed gas of carbon monoxide and a nitrogeneous compound as etching gas.
 - 30. (New) The method as claimed in claim 29, wherein the metal film is tantalum film.
- 31. (New) The method as claimed in claim 29, wherein the metal film is any one of tungsten film, zirconium film or hafnium film.
- 32. (New) A method for producing a MRAM using a TMR structure which comprises fine processing a TMR structure using tantalum as a masking material, and a mixed gas of carbon monoxide and a nitrogeneous compound as etching gas, wherein a plurality of films including magnetic film composing the TMR structure are dry etched.
- 33. (New) The method as claimed in claim 32, wherein a tantalum film is included in a plurality of films including magnetic film composing the TMR structure.

- 34. (New) The method as claimed in claim 32, wherein tantalum used as a masking material acts as a component for the TMR structure.
- 35. (New) The method as claimed in claim 32, wherein a tantalum film used as a masking material acts as a protective film composing the TMR structure.